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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> Mail Stop: AMENDMENT Express Mail Receipt No. Total Number of Pages in This Submission	Application / Conf. No.	10/808,737 / 5860
	Filing Date	March 24, 2004
	First Named Inventor	Joe W. Zhao
	Examiner Name	Binh C. Tat
	Art Unit	2829
	Patent No.	
Attorney Docket Number		X-1437 US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Change Status to LARGE ENTITY <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (with Recordation Cover Sheet) <input type="checkbox"/> Declaration / Oath <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition - <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):
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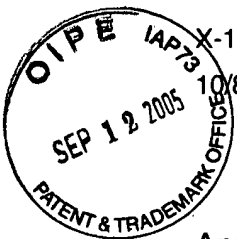
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X-1437 US
10/808,737

PATENT
Conf. No. 5860

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Joe W. Zhao

Assignee: Xilinx, Inc.

Title: Method for Monitoring and Improving Integrated Circuit Fabrication Using
FPGAs

Serial No.: 10/808,737

Filing Date: 03/24/2004

Examiner: Binh C. Tat

Art Unit: 2825

Docket No.: X-1437 US

Conf. No.: 5860

Mail Stop Amendment
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AMENDMENT IN RESPONSE TO FIRST OFFICE ACTION

In response to the First Office Action mailed from the Patent Office on June 10, 2005, Applicants submit the following amendments and remarks.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.